

Amendments to the Claims

Please amend Claims 1-8, 10, 11 and 14-21 to read as follows.

1. (Currently amended) A printing apparatus operable in plural types of printing modes and being connectable to plural types of input units for supplying printing data, comprising:

~~plural types of printing modes;~~

recognition means for recognizing the type of ~~an~~ a connected input ~~unit~~
~~connected unit~~; and

selection means for selecting a printing mode suitable for printing of printing data supplied from the connected input unit from among the plural types of printing modes according to a recognition as to the type of printing unit recognized by said recognition means.

2. (Currently amended) A printing apparatus as claimed in Claim 1, said apparatus being capable of printing through first and second printing operations ~~whose~~ having printing positions ~~are~~ aligned with each other, ~~said the~~ selection being made according to a judgment ~~on~~ as to whether ~~said the~~ recognition and/or a setting process of setting an adjusting value for aligning the printing positions has already been performed or not.

3. (Currently amended) A printing apparatus as claimed in Claim 2, wherein ~~said~~ the setting process is enabled when a predetermined type of input unit among the plural types of input units is connected.

4. (Currently amended) A printing apparatus as claimed in Claim 3, further comprising means for holding information indicating that ~~said~~ the setting process has been performed.

5. (Currently amended) A printing apparatus as claimed in Claim 4, wherein said selection means selects the same printing mode as that in ~~the~~ a case in which the predetermined type of input unit is connected if the information is held even when said recognition means recognizes the connection of an input unit other than the predetermined type of input unit.

6. (Currently amended) A printing apparatus as claimed in Claim 3, wherein ~~it is not judged~~ judgement as to whether ~~said~~ the setting process has been performed or not is not performed when the connection of the predetermined type of input unit is recognized.

7. (Currently amended) A printing apparatus as claimed in Claim 3, wherein the information indicating that ~~said~~ the setting process has been performed is held in the predetermined type of input unit, and the information is transmitted prior to printing data when the predetermined type of input unit is connected.

8. (Currently amended) A printing apparatus as claimed in Claim 3, wherein the connection of the predetermined input unit is recognized based on a signal from the input unit.

9. (Original) A printing apparatus as claimed in Claim 3, further comprising a plurality of connecting means, wherein the connection of the predetermined input unit is recognized based on the connection of the input unit to a predetermined one of the connecting units.

10. (Currently amended) A printing apparatus as claimed in Claim 3, further comprising:

means for performing a main scan of printing means, formed by arranging an array of a plurality of printing elements, relative to a printing medium in a direction different from ~~the~~ an arrangement direction of the arrangement array; and

means for performing a relative sub-scan of the printing medium, after the each main scan, in a direction orthogonal to the direction of the main scan,

wherein the first and second printing operations are printing operations which are performed through main scanning of said printing means in a forward direction and a backward direction, respectively.

11. (Currently amended) A printing apparatus as claimed in Claim 3 10, wherein said selection means selects a printing mode for printing at a high speed when the

connection of the predetermined type of input unit is recognized and selects a mode for printing at a low speed when the connection is not recognized.

12. (Original) A printing apparatus as claimed in Claim 11, wherein the printing mode for printing at a high speed is a mode in which printing is performed in the forward direction and backward direction and wherein the printing mode for printing at a low speed is a mode in which printing is performed in either of the forward and backward directions.

13. (Original) A printing apparatus as claimed in Claim 11, wherein the mode for printing at a low speed is a mode of printing in which the speed of the main scan is lower than that in the mode for printing at a high speed.

14. (Currently amended) A printing apparatus as claimed in Claim 11, wherein the mode for printing at a low speed is a mode in which the number of the printing elements involved in printing is limited compared to the mode for printing at a high speed.

15. (Currently amended) A printing apparatus as claimed in Claim 14, wherein a plurality of rows of the printing elements are arranged for a printing agent in the same tone in the direction of the main scan and wherein the number of rows of the printing elements used for printing in the mode for printing at a low speed is smaller than that in the mode for printing at a high speed.

16. (Currently amended) A printing apparatus as claimed in Claim 11,
~~wherein;~~ wherein

the sub-scan is performed in an amount smaller than the width of the array
of the plurality of printing elements during each interval between the main scans;

an image can be formed on the printing medium by a plurality of main scans
according to pixel arrangements that are in a complementary relationship with respect to
the same image area; and

the mode for printing at a low speed is a mode in which printing is
performed with a greater number of main scans than in the mode for printing at a high
speed.

17. (Currently amended) A printing apparatus operable in plural types
of image processing modes having different resolutions and being connectable to plural
types of input units for supplying printing data, comprising:

~~plural types of image processing modes having different resolutions;~~

recognition means for recognizing the type of ~~an~~ a connected input ~~unit~~
~~connected unit~~; and

selection means for selecting a an image processing mode for processing
printing data supplied from the connected input unit from among the plural types of image
processing modes according to a recognition as to the type of connected input unit
recognized by said recognition means.

18. (Currently amended) A printing apparatus as claimed in Claim 17, said apparatus being capable of printing through first and second printing operations ~~whose~~ having printing positions ~~are~~ aligned with each other and capable of performing a process of setting an adjusting value for aligning the printing positions when a predetermined type of input unit among the plural types of input ~~unit~~ units is connected.

19. (Currently amended) A printing apparatus as claimed in Claim ~~17~~ 18, wherein when the connection of the predetermined type of input unit is not recognized, an image processing mode ~~is selected~~ which provides a resolution lower than that in the case in which the connection is recognized is selected.

20. (Currently amended) A method for controlling a printing apparatus which is connectable to plural types of input units for supplying printing data and ~~has~~ which is operable in plural types of printing modes, said method comprising the steps of:

recognizing the type of ~~an~~ input unit connected to the printing apparatus;

and

selecting a mode suitable for printing of printing data supplied from the connected input unit from among the plural types of printing modes according to a result of said ~~recognition~~ recognizing step.

21. (Currently amended) A method for controlling a printing apparatus as claimed in Claim 20, ~~said~~ wherein the apparatus ~~being~~ is capable of printing through first and second printing operations ~~whose~~ having printing positions ~~are~~ aligned with each

other, said ~~selection~~ selecting step being ~~made~~ effected according to a judgment ~~on~~ as to whether the result of said ~~recognition~~ recognizing step and/or a process of setting an adjusting value for aligning the printing positions has already been performed or not.